

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|--|------------------|---------|---------------------|
| L8    | 20    | ("20060179663"  <br>"3708967"   "4035912"<br>  "4374465"  <br>"4513563"   "4852258"<br>  "5758424"  <br>"5791054"   "5896666"<br>  "5970693"  <br>"6119350"  <br>"6681865").PN. OR<br>("7257898").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR               | OFF     | 2009/02/07<br>14:25 |
| L9    | 1     | "10543027"  | US-PGPUB;<br>USPAT; USOCR                | OR               | OFF     | 2009/02/07<br>14:43 |
| S1    | 1582  | 30/276  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/12/09<br>10:40 |
| S2    | 1453  | 30/276 and (trim\$3 or<br>cut\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/12/09<br>10:41 |
| S3    | 24602 | string and lock   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/12/09<br>10:42 |
| S4    | 65    | S2 and S3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2006/12/09<br>10:42 |
| S5    | 26    | ("4035912").URPN.   | USPAT                                    | OR               | OFF     | 2006/12/09<br>11:09 |
| S6    | 69    | ("4043037"  <br>"4054993"   "4062114"<br>  "4118865"  <br>"4185381"   "4199926"<br>  "4209902"  <br>"4301642"   "4335510"<br>  "4411069"  <br>"4756146"   "4835867"<br>  "4852258"  <br>"5048278"   "5276968"<br>  "5430943"  <br>"5713191"   "5758424"<br>  "5761816"  <br>"5836227"   "5855068"<br>  "5887348"  <br>"5896666"   "5901448"<br>  "5979064"  <br>"5996233"   "6148523"<br>  "6240643"  <br>"6279235"   "6347455" | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2007/09/22<br>15:04 |

|     |       |   |  |    |     |                     |
|-----|-------|---|--|----|-----|---------------------|
|     |       | "6401344"  <br>"6581292"  <br>"6944956").PN.  |  |    |     |                     |
| S7  | 42427 | (cutter or trim\$4) and<br>lock\$4 and (recess or<br>groove or passage or<br>slot) and lock\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/22<br>15:06 |
| S8  | 1963  | "30"/\$.ccls. and (cutter<br>or trim\$4) and lock\$4<br>and (recess or groove<br>or passage or slot) and<br>lock\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/22<br>15:08 |
| S9  | 123   | "30"/\$.ccls. and (cutter<br>or trim\$4) and lock\$4<br>and (recess or groove<br>or passage or slot) and<br>lock\$4 and string  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/22<br>19:50 |
| S10 | 61    | legrand-emmanuel.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/22<br>15:11 |
| S11 | 23    | "4067108"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/22<br>16:45 |
| S12 | 11    | "6519857"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/22<br>18:48 |
| S13 | 54    | "4035912"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/22<br>19:19 |
| S14 | 19    | "30"/\$.ccls. and (cutter<br>or trim\$4) and lock\$4<br>and (recess or groove<br>or passage or slot) and<br>lock\$4 and string and<br>shoe  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/22<br>19:51 |
| S15 | 47    | ("3708967"  <br>"3826068"   "4054992"<br>  "4271595"  <br>"4282653"   "4362007"<br>  "4685279"  <br>"4726176"   "4835867"<br>  "4905465"  <br>"5276968"   "5398416"<br>  "5433006"  <br>"5463815"   "5765287"<br>  "6032442"  <br>"6035618"   "6058574"<br>  "6161292"  <br>"6314848"   "6912789"<br>  "7111403").PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/25<br>19:32 |

|     |       |   |  |    |     |                     |
|-----|-------|---|--|----|-----|---------------------|
| S16 | 58    | "5048278"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/25<br>22:20 |
| S17 | 36836 | string and lock   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/02<br>09:41 |
| S18 | 2033  | S17 and ((cutting adj3<br>head) cutter (brush<br>adj3 trimmer))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/02<br>09:43 |
| S19 | 980   | S18 and lock and<br>groove  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/02<br>09:44 |
| S20 | 340   | S19 and teeth   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/02<br>09:44 |
| S21 | 8     | S20 and (V adj shape)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/02/02<br>09:45 |
| S22 | 20    | ("20030033718"  <br>"3708967"   "4062114"<br>  "4190954"  <br>"4301642"   "4411069"<br>  "4453486"  <br>"4644655"   "4685759"<br>  "4756146"  <br>"5433006"   "5758424"<br>  "5887348"  <br>"6247539"   "6249978"<br>  "6347455"  <br>"6401344"  <br>"6519857").PN. OR<br>("6928741").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/02<br>09:49 |
| S23 | 169   | ("2608043"  <br>"2793485"   "2867960"<br>  "2938323"  <br>"2942397"   "3014333"<br>  "3130793"  <br>"3474608"   "3559742"<br>  "3587749"  <br>"3664102"   "3708967"<br>  "3759020"  <br>"3774379"   "3826068"<br>  "3831278"  <br>"3859776"   "4035912"<br>  "4043037"  <br>"4047299"   "4054992"<br>  "4062114"  <br>"4062115"   "4065913"<br>  "4089114"  <br>"4097991"   "4104797"<br>  "4112653"  <br>"4145809"   "4182100" | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/02<br>09:51 |

|           |           |
|-----------|-----------|
| "4190954" |           |
| "4199926" | "4200978" |
| "4203212" |           |
| "4224784" | "4229882" |
| "4236312" |           |
| "4244103" | "4259782" |
| "4268964" |           |
| "4271594" | "4271595" |
| "4285128" |           |
| "4287709" | "4290200" |
| "4295324" |           |
| "4301642" | "4312178" |
| "4335510" |           |
| "4341060" | "4343139" |
| "4362007" |           |
| "4389836" | "4411069" |
| "4411126" |           |
| "4412382" | "4428183" |
| "4442659" |           |
| "4446680" | "4463544" |
| "4512143" |           |
| "4531350" | "4566189" |
| "4571831" |           |
| "4586257" | "4587800" |
| "4599796" |           |
| "4633658" | "4641431" |
| "4644655" |           |
| "4651421" | "4685279" |
| "4688376" |           |
| "4704849" | "4712363" |
| "4724632" |           |
| "4726176" | "4736573" |
| "4756146" |           |
| "4756147" | "4756148" |
| "4796415" |           |
| "4805306" | "4819333" |
| "4823542" |           |
| "4829755" | "4852258" |
| "4856194" |           |
| "4879869" | "4891931" |
| "4905465" |           |
| "4914899" | "4922694" |
| "4926557" |           |
| "4936886" | "4945717" |
| "4981012" |           |
| "4987681" | "4989321" |
| "5010649" |           |
| "5020224" | "5023998" |
| "5029435" |           |
| "5048278" | "5060383" |
| "5092112" |           |
| "5197264" | "5263303" |
| "5276969" |           |
| "5279102" | "5287683" |
| "5303476" |           |

|     |    |   |                           |    |     |                     |
|-----|----|---|---------------------------|----|-----|---------------------|
|     |    | "5345683"   "5398416"<br>  "5404644"  <br>"5406708"   "5430943"<br>  "5433006"  <br>"5490641"   "5493783"<br>  "5493785"  <br>"5522140"   "5522141"<br>  "5526572"  <br>"5577374").PN. OR<br>("5603205"  <br>"5613354"   "5615543"<br>  "5644844"  <br>"5651418"   "5657542"<br>  "5671536"  <br>"5675897"   "5722172"<br>  "5743019"  <br>"5749148"   "5758424"<br>  "5761892"  <br>"5765287"   "5771670"<br>  "5806192"  <br>"5836227"   "5852876"<br>  "5862598"  <br>"5867911"   "5881464"<br>  "5881465"  <br>"5887348"   "5890352"<br>  "5896666"  <br>"5901448"   "5979064"<br>  "5987756"  <br>"5996233"  <br>"D285079"  <br>"D304728").PN. OR<br>("6401344").URPN. |                           |    |     |                     |
| S24 | 13 | ("20030033718"  <br>"3708967"   "4035912"<br>  "4062114"  <br>"4118865"   "5758424"<br>  "5887348"  <br>"5896666"   "6035618"<br>  "6314848"  <br>"6347455"   "6401344"<br>  "6519857").PN. OR<br>("6944956").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>09:55 |
| S25 | 58 | ("2250948"  <br>"2538230"  <br>"2708335").PN. OR<br>("3708967").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:03 |

|     |    |  |                           |    |     |                     |
|-----|----|--|---------------------------|----|-----|---------------------|
| S26 | 20 | ("20060179663"  <br>"3708967"   "4035912"<br>  "4374465"  <br>"4513563"   "4852258"<br>  "5758424"  <br>"5791054"   "5896666"<br>  "5970693"  <br>"6119350"  <br>"6681865").PN. OR<br>("7257898").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:05 |
| S27 | 10 | ("5036648"  <br>"5617636"   "5622035"<br>  "5640836"  <br>"5722172").PN. OR<br>("6119350").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:07 |
| S28 | 13 | ("20030033718"  <br>"3708967"   "4035912"<br>  "4062114"  <br>"4118865"   "5758424"<br>  "5887348"  <br>"5896666"   "6035618"<br>  "6314848"  <br>"6347455"   "6401344"<br>  "6519857").PN. OR<br>("6944956").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:14 |
| S29 | 18 | ("2254521"  <br>"3664102"   "3693255"<br>  "3708967"  <br>"3826068"   "3831278"<br>  "3877146"  <br>"3928911"   "4054992"<br>  "4091536"  <br>"4118864"   "4138810"<br>  "4211004"  <br>"4211005").PN. OR<br>("4367587").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:21 |
| S30 | 27 | ("4054993"  <br>"4065913"   "4118865"<br>  "4126990"  <br>"4126991"   "4165597"<br>  "4186239"  <br>"4366622"   "4524515"<br>  "4566189"  <br>"4571831"   "4707919"<br>  "4869055"  <br>"4905465"   "5048278"<br>  "5220774"  <br>"5424128"   "5524350"<br>  "5761816"  <br>"D245757"  <br>"D249150"  <br>"D250648").PN. OR<br>("5996233").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:32 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| S31 | 29 | ("4065913"  <br>"4126990"   "4126991"<br>  "4165597"  <br>"4186239"   "4249311"<br>  "4356686"  <br>"4825627"   "4987681"<br>  "5023998"  <br>"5048278"   "5170561"<br>  "5303476"  <br>"5433006"   "5463815"<br>  "5473873"  <br>"5687482"   "5711141"<br>  "5761816"  <br>"5836227"   "5996233"<br>  "6094823"  <br>"D245757"  <br>"D249150"  <br>"D250648").PN. OR<br>("6314848").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:35 |
| S32 | 61 | ("2888993"  <br>"3014333"   "3018602"<br>  "3104510"  <br>"3167899"   "3176455"<br>  "3208209"  <br>"3474608"   "3684027"<br>  "3831278"  <br>"3900071"  <br>"4054992").PN. OR<br>("4126990").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>10:41 |
| S33 | 20 | ("20060179663"  <br>"3708967"   "4035912"<br>  "4374465"  <br>"4513563"   "4852258"<br>  "5758424"  <br>"5791054"   "5896666"<br>  "5970693"  <br>"6119350"  <br>"6681865").PN. OR<br>("7257898").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>11:24 |
| S34 | 20 | "5887348"  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>16:41 |
| S35 | 7  | ((("4825627") or<br>("4054992") or<br>("4362007") or<br>("2003200662") or<br>("2003033718") or<br>("6058574") or<br>("6045911") or<br>("4186239") or<br>("4054993") or<br>("4186239")).PN.   | USPAT                     | OR | OFF | 2009/02/02<br>16:56 |

|     |    |  |   |    |     |                     |
|-----|----|--|---|----|-----|---------------------|
| S36 | 7  | (( "4825627" ) or<br>("4054992" ) or<br>("4362007" ) or<br>("2003200662" ) or<br>("2003033718" ) or<br>("6058574" ) or<br>("6045911" ) or<br>("4186239" ) or<br>("4054993" ) or<br>("4186239" ) ).PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2009/02/02<br>16:57 |
| S37 | 24 | (( "4825627" ) or<br>("4054992" ) or<br>("4362007" ) or<br>("2003200662" ) or<br>("2003033718" ) or<br>("6058574" ) or<br>("6045911" ) or<br>("4186239" ) or<br>("4054993" ) ).PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>16:58 |
| S38 | 20 | ("4054992"  <br>"4819416" ).PN. OR<br>("5023998" ).URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/02/02<br>17:39 |
| S39 | 35 | ("3708967"  <br>"4035915"   "4054992"<br>  "4062114"  <br>"4062115"   "4068376"<br>  "4086700"  <br>"4107841"   "4118865"<br>  "4190954"  <br>"4475287"   "4550498"<br>  "4571831"  <br>"4685279"   "4756146"<br>  "4819416"  <br>"4856194"   "4905465"<br>  "5023998"  <br>"5048278" ).PN. OR<br>("5433006" ).URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/02/02<br>17:45 |
| S40 | 20 | ("3900071"  <br>"4043037"   "4054992"<br>  "4068376"  <br>"4086700"   "4089114"<br>  "4107841"  <br>"4118865"   "4190954"<br>  "4268964"  <br>"4571831"   "4685279"<br>  "4756146"  <br>"5433006"  <br>"5836227" ).PN. OR<br>("6108914" ).URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/02/02<br>17:48 |



|     |    |  |                           |    |     |                     |
|-----|----|--|---------------------------|----|-----|---------------------|
| S41 | 37 | ("4024635"  <br>"4068376"   "4077190"<br>  "4137694"  <br>"4177561"   "4185380"<br>  "4189905"  <br>"4223440"   "4229882"<br>  "4242297"  <br>"4290200"  <br>"4557052").PN. OR<br>("4685279").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>17:56 |
| S42 | 76 | ("3208209"  <br>"4054992"   "4054993"<br>  "4062115"  <br>"4118865"   "4126990"<br>  "4126991"  <br>"4186239"   "4186830"<br>  "4232505"  <br>"4357789"   "4362007"<br>  "4461138"  <br>"4513563"   "4644655"<br>  "4685279"  <br>"4726176"   "4756146"<br>  "4825627"  <br>"4869055"   "4905465"<br>  "4909024"  <br>"4962630").PN. OR<br>("5048278").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/02<br>18:06 |

2/ 7/ 09 4:04:15 PM

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